315 Status Details (Ocean)

Functional Group ID=QO

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Status Details (Ocean) Transaction Set (315) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary to report status or event details for selected shipments or containers. It is intended to accommodate the details for one status or event associated with many shipments or containers, as well as more than one status or event for one shipment or container.

Notes:

The Department of Defense Transportation community uses the Transaction Set 315 for reporting the status on cargo. It enables the military to track cargo In Transit Visibility (ITV) and administer contractual requirements with commercial ocean carriers.

Commercial Ocean Carriers utilize the Transaction Set 315 in order to administer Container Management.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	B4	Beginning Segment for Inquiry or Reply	M	1		
Must Use	030	N9	Reference Identification	O	30		
Must Use	040	Q2	Status Details (Ocean)	O	1		
Not Used	050	SG	Shipment Status	O	15		
			LOOP ID - R4			20	
Must Use	060	R4	Port	M	1		
Must Use	070	DTM	Date/Time Reference	O	15		
Not Used	080	V9	Event Detail	O	10		
Must Use	090	SE	Transaction Set Trailer	M	1		

Segment: **ST** **Transaction Set Header**

Position:	010
Loop:	
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	ST01	143	**Transaction Set Identifier Code**	M	ID 3/3
			Code uniquely identifying a Transaction Set		
			315 X12.122 Status Details (Ocean)		
Must Use	ST02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		

Segment:	**B4** Beginning Segment for Inquiry or Reply			
Position:	020			
Loop:				
Level:				
Usage:	Mandatory			
Max Use:	1			
Purpose:	To transmit identifying numbers, dates, and other basic data relating to the transaction set			
Syntax Notes:	1 If either B407 or B408 is present, then the other is required.			
	2 If either B411 or B412 is present, then the other is required.			
Semantic Notes:	1 B404 is the date of last reported status of cargo.			
Comments:				

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Not Used	**B401**	**152**	**Special Handling Code**	**O ID 2/3**
			Code specifying special transportation handling instructions	
Not Used	**B402**	**71**	**Inquiry Request Number**	**O N0 1/3**
			Identifying number assigned by inquirer	
Must Use	**B403**	**157**	**Status Code**	**O ID 1/2**
			Code indicating the status of a shipment	

A	Arrived	
	Shipment has arrived at the location specified	
	Note: Ship arrival at the POD. This status code is a contract requirement..	
AE	Loaded on Vessel	
AL	Loaded on Rail	
AM	Loaded on Truck	
AO	Loaded on Barge	
AP	Loaded on Feeder Vessel	
AV	Available for Delivery	
	Shipment available for delivery	
CR	Carrier Release	
	Use CR to identify the carrier's release date.	
CT	Customs Released	
	Use CT to identify the customs release date.	
EE	Empty Equipment Dispatched	
	Empty equipment dispatched to pick up cargo	
	Use EE to identify a container that is being sent by a carrier to a sourcing location for stuffing. This status code is a contract requirement.	

			FT		Free Time Expired		

| | | | I | | In-Gate | | |

Use an "I" when cargo is receipted at the carrier's terminal or for arrival at the POE. This status code is a contract requirement.

NF   Free Time to Expire

OA   Out-Gate

Use "OA" for shipment commencement to consignee. The status code is a contract requirement.

P   Departed Terminal Location

Shipment has left the carrier's terminal or other control point

Use an "P" for shipment stopoffs from the origin location to the terminal

RD   Return Container

UV   Unloaded From Vessel

Use "UV" when a shipment is unloaded off a ship. The status code is a contract requirement.

VA   Vessel Arrival

Vessel scheduled to arrive or has arrived

Use "VA" when a ship arrives a port(except the POD, use "A").

VD   Vessel Departure

Vessel scheduled to depart or has departed

Use "VD" when the ship departs a port(sails). This is a contract requirement.

W   Released by Customer

Use "W" when the carrier takes possession of the shipment/shipment pickup at sourcing point. This status code is a contract requirement.

X1   Arrived at Delivery Location

The carrier has arrived at the shipment delivery location

Use "X1" when the shipment is delivered to the consignee. This status code is a contract requirement.

Must Use	B404	373	**Date**			O	DT 6/6

Date (YYMMDD)

Enter in the actual date the event took place.

| | B405 | 161 | **Status Time** | | | O | TM 4/4 |

Time (HHMM) of last reported status of cargo

The time the event actually happens.

| Not Used | B406 | 159 | **Status Location** | **O** | **AN 3/5** |

Air shipment: Airport code for last reported status for a shipment; (Note: If the shipment is in-flight, the status location is the origin airport for this flight) Ground transportation: Code of carrier's terminal

| | B407 | 206 | **Equipment Initial** | **X** | **AN 1/4** |

Prefix or alphabetic part of an equipment unit's identifying number

Enter the Van Owner. Use the SCAC for the equipment initial.

| | B408 | 207 | **Equipment Number** | **X** | **AN 1/10** |

Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred)

Enter the trailer container number (TCON). The TCON should include the check digit.

| Not Used | B409 | 578 | **Equipment Status Code** | **O** | **ID 1/2** |

Code indicating status of equipment

| Not Used | B410 | 24 | **Equipment Type** | **O** | **ID 4/4** |

Code identifying equipment type

| Must Use | B411 | 310 | **Location Identifier** | **X** | **AN 1/30** |

Code which identifies a specific location

The actual location of the event. Use the following format.
City State/Province Code ISO Country Code. The fields should be separated
by at least one space

| Must Use | B412 | 309 | **Location Qualifier** | **X** | **ID 1/2** |

Code identifying type of location

    ZZ   Mutually Defined

| Not Used | B413 | 761 | **Equipment Number Check Digit** | **O** | **N0 1/1** |

Number which designates the check digit applied to a piece of equipment

Segment:	**N9** Reference Identification
Position:	030
Loop:	
Level:	
Usage:	Optional (Must Use)
Max Use:	30
Purpose:	To transmit identifying information as specified by the Reference Identification Qualifier
Syntax Notes:	1 At least one of N902 or N903 is required.
	2 If N906 is present, then N905 is required.
	3 If either C04003 or C04004 is present, then the other is required.
	4 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	1 N906 reflects the time zone which the time reflects.
	2 N907 contains data relating to the value cited in N902.
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N901	128	**Reference Identification Qualifier**	M	ID 2/3

Code qualifying the Reference Identification

BL   Government Bill of Lading

> The "CT" (contract number) or "BL" (government bill of lading number) will be sent correlating to the type of shipment.

BM   Bill of Lading Number

BN   Booking Number

CT   Contract Number

> The "CT" (contract number) or "BL" (government bill of lading number) will be sent correlating to the type of shipment.

EQ   Equipment Number

FI   File Identifier

PG   Product Group

> The "PG" code is the MILSTAMP Surface Commodity Code. The DOD community expects the most up to date commodity code available from the carrier community and not just an echo from the 300 transaction set

SN   Seal Number

> There may be no more than 3 N9 segments per 315 TS with a "SN" qualifier. Seal numbers should only be sent with container shipments.

			TG	Transportation Control Number (TCN)		
			ZZ	Mutually Defined		
Must Use	N902	127	**Reference Identification**		X	**AN 1/30**

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Enter in the actual number which is identified by the qualifier in element N901.

| Not Used | N903 | 369 | **Free-form Description** | | X | **AN 1/45** |
| | | | | | | |

Free-form descriptive text

| Not Used | N904 | 373 | **Date** | | O | **DT 6/6** |

Date (YYMMDD)

| Not Used | N905 | 337 | **Time** | | X | **TM 4/8** |

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

| Not Used | N906 | 623 | **Time Code** | | O | **ID 2/2** |

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

| Not Used | N907 | C040 | **Reference Identifier** | | O | |

To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier

| Not Used | C04001 | 128 | **Reference Identification Qualifier** | | M | **ID 2/3** |

Code qualifying the Reference Identification

| Not Used | C04002 | 127 | **Reference Identification** | | M | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| Not Used | C04003 | 128 | **Reference Identification Qualifier** | | X | **ID 2/3** |

Code qualifying the Reference Identification

| Not Used | C04004 | 127 | **Reference Identification** | | X | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

| Not Used | C04005 | 128 | **Reference Identification Qualifier** | | X | **ID 2/3** |

Code qualifying the Reference Identification

| Not Used | C04006 | 127 | **Reference Identification** | | X | **AN 1/30** |

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Segment:	**Q2** Status Details (Ocean)				

Segment: **Q2** Status Details (Ocean)

Position: 040

Loop:

Level:

Usage: Optional (Must Use)

Max Use: 1

Purpose: To transmit identifying information relative to identification of vessel, transportation dates, lading quantity, weight, and cube

Syntax Notes:
1. If any of Q207 Q208 or Q216 is present, then all are required.
2. If Q210 is present, then Q211 is required.
3. If either Q214 or Q215 is present, then the other is required.

Semantic Notes:
1. Q202 is the code identifying the country in which the ship (vessel) is registered.
2. Q203 is the required pier date.
3. Q204 is the date of departure of the vessel.
4. Q205 is the date the shipment was unloaded from the vessel.

Comments:

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	Q201	597	**Vessel Code**	O	**ID 1/7**
			Code identifying vessel		
			Enter in the vessel call sign. If no call sign is available then enter the Lloyds number or vessel hull number.		
Not Used	Q202	26	**Country Code**	O	**ID 2/3**
			Code identifying the country		
Not Used	Q203	373	**Date**	O	**DT 6/6**
			Date (YYMMDD)		
Must Use	Q204	373	**Date**	O	**DT 6/6**
			Date (YYMMDD)		
			Enter the vessel scheduled sail date or the current sail date.		
Not Used	Q205	373	**Date**	O	**DT 6/6**
			Date (YYMMDD)		
Must Use	Q206	80	**Lading Quantity**	O	**N0 1/7**
			Number of units (pieces) of the lading commodity		
			Enter in the number of pieces per shipment.		
Must Use	Q207	81	**Weight**	X	**R 1/10**
			Numeric value of weight		
			Enter the net weight of the pieces per shipment.		
Must Use	Q208	187	**Weight Qualifier**	X	**ID 1/2**
			Code defining the type of weight		
			N Actual Net Weight		

			Z	Mutually Defined		
				The "Z" code is for the "NET EXPLOSIVE WEIGHT"		
Must Use	Q209	55	**Flight/Voyage Number**		O	AN 2/10
			Identifying designator for the particular flight or voyage on which the cargo travels			
			Enter carriers voyage number.			
Must Use	Q210	128	**Reference Identification Qualifier**		O	ID 2/3
			Code qualifying the Reference Identification			
			ZZ	Mutually Defined		
				The "ZZ" code is mutually defined as a SCAC.		
Must Use	Q211	127	**Reference Identification**		X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier			
Must Use	Q212	897	**Vessel Code Qualifier**		O	ID 1/1
			Code specifying vessel code source			
			Enter the code qualifier which qualifies Q201.			
			C	Ship's Radio Call Signal		
			L	Lloyd's Register of Shipping		
			Z	Mutually Defined		
				The "Z" code is for the Hull #.		
Must Use	Q213	182	**Vessel Name**		O	AN 2/28
			Name of ship as documented in "Lloyd's Register of Ships"			
Not Used	Q214	183	**Volume**		X	R 1/8
			Value of volumetric measure			
Not Used	Q215	184	**Volume Unit Qualifier**		X	ID 1/1
			Code identifying the volume unit			
Must Use	Q216	188	**Weight Unit Code**		X	ID 1/1
			Code specifying the weight unit			
			L	Pounds		

Segment:	**R4** Port		
Position:	060		
Loop:	R4	Mandatory	
Level:			
Usage:	Mandatory		
Max Use:	1		
Purpose:	Contractual or operational port or point relevant to the movement of the cargo		
Syntax Notes:	1	If either R402 or R403 is present, then the other is required.	
Semantic Notes:			
Comments:	1	R4 is required for each port to be identified.	
Notes:	*Each TS 315 should have at least 3 R4 loops. There should be a R4 loop for the Port Of Embarkation (POE), Port Of Discharge (POD), and Consignee. If there is a container trans shipment, then there should be a R4 loop for the trans shipment port.*		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**R401**	**115**	**Port Function Code**	**M ID 1/1**

Code defining function performed at the port with respect to a shipment

1	Final Port of Discharge (Operational)	
	Last port at which cargo is unloaded from vessel	
L	Port of Loading (Operational)	
	Port at which cargo is loaded on vessel	
M	Destination (Operational)	
	Place at which carrier actually turns cargo to consignee or his agent	
Y	Relay Port (Operational)	
	Port at which cargo is transferred from one vessel to another	

	Ref. Des.	Data Element	Name	Attributes
	R402	**309**	**Location Qualifier**	**X ID 1/2**

Code identifying type of location

D	Census Schedule D
	Schedule "D" is a listing of Domestic Ports.
K	Census Schedule K
	Schedule K is a listing of Foreign Ports.

	Ref. Des.	Data Element	Name	Attributes
	R403	**310**	**Location Identifier**	**X AN 1/30**

Code which identifies a specific location

Note: Enter in the Port Census Code listed from either the Schedule D or K, which ever is used.

	Ref. Des.	Data Element	Name	Attributes
	R404	**114**	**Port Name**	**O AN 2/24**

Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of

property

| Not Used | R405 | 26 | **Country Code** | **O** | **ID 2/3** |

Code identifying the country

| | R406 | 174 | **Terminal Name** | **O** | **AN 2/30** |

Free-form field for terminal name

Enter the military DoDAAC for place of delivery.

| Not Used | R407 | 113 | **Pier Number** | **O** | **AN 1/4** |

Identifying number for the pier

| Not Used | R408 | 156 | **State or Province Code** | **O** | **ID 2/2** |

Code (Standard State/Province) as defined by appropriate government agency

Segment:	**DTM** Date/Time Reference				

Segment: **DTM** Date/Time Reference

Position:	070
Loop:	R4　　　Mandatory
Level:	
Usage:	Optional (Must Use)
Max Use:	15
Purpose:	To specify pertinent dates and times
Syntax Notes:	1　At least one of DTM02 DTM03 or DTM06 is required.
	2　If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes	
Must Use	DTM01	374	**Date/Time Qualifier**		M	ID 3/3

Code specifying type of date or time, or both date and time

139	Estimated
140	Actual

	Ref. Des.	Data Element	Name		Attributes	
Must Use	DTM02	373	**Date**		X	DT 6/6

Date (YYMMDD)

	Ref. Des.	Data Element	Name		Attributes	
	DTM03	337	**Time**		X	TM 4/8

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

The time should be sent when DTM 01 is "140" for actual.

	Ref. Des.	Data Element	Name		Attributes	
Not Used	DTM04	623	**Time Code**		O	ID 2/2

Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow

	Ref. Des.	Data Element	Name		Attributes	
Must Use	DTM05	624	**Century**		O	N0 2/2

The first two characters in the designation of the year (CCYY)

	Ref. Des.	Data Element	Name		Attributes	
Not Used	DTM06	1250	**Date Time Period Format Qualifier**		X	ID 2/3

Code indicating the date format, time format, or date and time format

	Ref. Des.	Data Element	Name		Attributes	
Not Used	DTM07	1251	**Date Time Period**		X	AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment:	**SE** Transaction Set Trailer			

Segment: **SE** Transaction Set Trailer

Position:	090
Loop:	
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	SE01	96	**Number of Included Segments**	M	N0 1/10
			Total number of segments included in a transaction set including ST and SE segments		
Must Use	SE02	329	**Transaction Set Control Number**	M	AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set		